

Title (en)

DEVICE FOR ABSORBING THE ENERGY RELEASED BY THE DETENSIONING OF A STRUCTURAL CABLE

Title (de)

VORRICHTUNG ZUR AUFNAHME DER BEIM NACHSPANNEN EINES STRUKTURKABELS FREIGESETZTEN ENERGIE

Title (fr)

DISPOSITIF D'ABSORPTION DE L'ÉNERGIE LIBÉRÉE PAR LA DÉTENSION D'UN CÂBLE DE STRUCTURE

Publication

**EP 4232633 A1 20230830 (FR)**

Application

**EP 21790914 A 20211014**

Priority

- FR 2010775 A 20201021
- EP 2021078428 W 20211014

Abstract (en)

[origin: WO2022084139A1] Disclosed is a device for absorbing energy released by the detensioning of a structural cable, comprising at least one retaining collar, to be fastened to the cable, at least one collar acting as a hammer, to be fastened to the cable, the retaining collar and the collar acting as a hammer being arranged to either side of the cutting zone, at least one reaction element to be arranged around the cable such that the collar acting as a hammer is situated between this reaction element and the retaining collar, a connection system between the retaining collar and the reaction element, for keeping the reaction element at a given distance from the retaining collar, at least one sacrificial spacer arranged between the reaction element and the collar acting as a hammer, in order to be deformed as a result of the collar acting as a hammer moving towards the reaction element when the cable is detensioned after being cut.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

See references of WO 2022084139A1

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